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Substitute for Form 1449/A/PTO

## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of 20

### Complete If Known

Application Number	09/900,698
Filing Date	July 6, 2001
First Named Inventor	Lang et al.
Group Art Unit	
Examiner Name	
Attorney Docket Number	11302-1250

### U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
WMA	1	RE 25880		Cline	10/65	
	2	RE 28957		Drelich et al.	9/76	
	3	2,185,789		Jacque	1/40	
	4	2,265,913		Lilienfeld	12/41	
	5	2,306,451		Lilienfeld	12/42	
	6	2,831,852		Savage	4/58	
	7	3,097,991		Miller et al.	7/63	
	8	3,099,067		Merriam et al.	7/63	
	9	3,340,327		Spellberg	9/67	
	10	3,388,082		Rodgers	6/68	
	11	3,406,688		Cubitt	10/68	
	12	3,435,705		Harmon	12/69	
	13	3,453,261		Scherff	7/69	
	14	3,461,193		Gilardi	8/69	
	15	3,480,016		Costanza et al.	11/69	
	16	3,515,325		Kalwaites	6/70	
	17	3,521,638		Parrish	7/70	
	18	3,546,755		Lynch, Jr.	12/70	
	19	3,561,447		Alexander	2/71	
	20	3,564,677		Kalwaites	2/71	
	21	3,577,586		Kalwaites et al.	5/71	
	22	3,595,454		Kalwaites	7/71	
	23	3,616,797		Champaigne, Jr. et al.	11/71	
	24	3,639,199		Brandts et al.	2/72	
	25	3,654,064		Laumann	4/72	
	26	3,656,672		Kalwaites	4/72	
	27	3,663,348		Liloi et al.	5/72	
	28	3,665,923		Champaigne, Jr.	5/72	
	29	3,670,069		Mitchell et al.	6/72	
	30	3,670,731		Harron	6/72	
	31	3,683,919		Ells	8/72	
	32	3,702,610		Sheppard et al.	11/72	
	33	3,709,876		Glomski	1/73	
	34	3,712,847		Rasmussen	1/73	
	35	3,719,540		Hall	3/73	
	36	3,753,826		Plummer	8/73	
	37	3,800,797		Tunc	4/74	

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<sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached.

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Application Number	09/900,698
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Group Art Unit	1771
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Attorney Docket Number	11302-1250

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DW	38	3,804,092		Tunc	4/74	
	39	3,838,695		Comerford et al.	10/74	
	40	3,839,319		Greminger	10/74	
	41	3,859,125		Miller et al.	1/75	
	42	3,865,918		Mitchell et al.	2/75	
	43	3,867,324		Clendinning	2/75	
	44	3,867,549		Costello et al.	2/75	
	45	3,869,310		Fukushima et al.	3/75	
	46	3,881,210		Drach et al.	5/75	
	47	3,881,487		Schrading	5/75	
	48	3,882,869		Hanke	5/75	
	49	3,897,782		Tunc	8/75	
	50	3,911,917		Hanke	10/75	
	51	3,913,579		Srinivasan et al.	10/75	
	52	3,923,592		George et al.	12/75	
	53	3,926,951		Lindenfors et al.	11/75	
	54	3,939,836		Tunc	2/76	
	55	3,950,578		Laumann	4/76	
	56	3,952,745		Duncan	4/76	
	57	3,976,734		Dunning et al.	8/76	
	58	3,978,257		Ring	8/76	
	59	3,991,754		Gertzman	11/76	
	60	4,005,251		Tunc	1/77	
	61	4,009,313		Crawford et al.	2/77	
	62	4,011,871		Taft	3/77	
	63	4,032,993		Coquard et al.	7/77	
	64	4,035,540		Gander	7/77	
	65	4,073,777		O'Neill et al.	2/77	
	66	4,082,886		Butterworth et al.	4/78	
	67	4,084,033		Drelich	4/78	
	68	4,084,591		Takebe et al.	4/78	
	69	4,092,454		Domoto et al.	5/78	
	70	4,099,976		Kraskin et al.	7/78	
	71	4,112,167		Dake et al.	9/78	
	72	4,117,187		Adams et al.	9/78	
	73	4,136,798		Oberstein	1/79	
	74	4,154,883		Elias	5/79	
	75	4,171,713		Ammannati et al.	2/79	
76	4,201,216		Mattei	5/80		

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		Application Number	09/900,698
		Filing Date	July 6, 2001
		First Named Inventor	Lang et al.
		Group Art Unit	1771
		Examiner Name	
Sheet 3	of 11	Attorney Docket Number	11302-1250

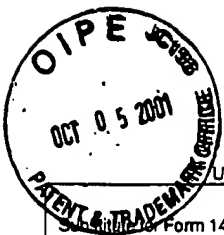
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[Signature]	77	4,226,753		Lewis et al.	10/80	
	78	4,245,744		Daniels et al.	1/81	
	79	4,245,744		Daniels et al.	1/81	
	80	4,258,849		Miller	3/81	
	81	4,301,203		Keuchel	11/81	
	82	4,306,998		Wenzel et al.	12/81	
	83	4,332,319		Hurwood	6/82	
	84	4,343,134		Davidowich et al.	8/82	
	85	4,343,403		Daniels	8/82	
	86	4,344,804		Bijen et al.	8/82	
	87	4,372,447		Miller	2/83	
	88	4,377,544		Rasmussen	3/83	
	89	4,377,645		Guthrie et al.	3/83	
	90	4,385,019		Bernstein et al.	5/83	
	91	4,419,403		Varona	12/83	
92	4,440,105		Jeltema	4/84		
93	4,491,645		Thompson	1/85		
94	4,496,618		Okamoto	1/85		
95	4,511,687		Nakanishi	4/85		
96	4,512,279		Damrau et al.	4/85		
97	4,528,360		Fujita et al.	7/85		
98	4,564,389		Lal	6/86		
99	4,575,891		Valente	3/86		
100	4,585,835		Saegusa	4/86		
101	4,588,400		Ring et al.	5/86		
102	4,600,404		Sheldon et al.	7/86		
103	4,617,235		Shinonome et al.	10/86		
104	4,627,950		Matsui et al.	12/86		
105	4,638,017		Larson et al.	1/87		
106	4,702,947		Pall et al.	10/87		
107	4,738,992		Larson et al.	4/88		
108	4,755,421		Manning et al.	7/88		
109	4,755,421		Manning et al.	7/88		
110	4,792,326		Tews	12/88		
111	4,795,668		Krueger et al.	1/89		
112	4,814,131		Atlas	3/89		
113	4,837,078		Harrington	6/89		
114	4,855,132		Heller et al.	8/89		
115	4,894,118		Edwards et al.	1/90		

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Application Number	09/900,698
Filing Date	July 6, 2001
First Named Inventor	Lang et al.
Group Art Unit	1771
Examiner Name	
Attorney Docket Number	11302-1250

Sheet	4	of	11
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**U.S. PATENT DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
lm	116	4,930,942		Keyes et al.	6/90	
	117	4,966,808		Kawano	10/90	
	118	4,998,984		McClendon	3/91	
	119	5,009,652		Morgan et al.	4/91	
	120	5,033,172		Harrington	7/91	
	121	5,045,387		Schmalz	9/91	
	122	5,053,482		Tietz	10/91	
	123	5,057,361		Sayovitz et al.	10/91	
	124	5,084,136		Haines et al.	1/92	
	125	5,096,640		Brody et al.	3/92	
	126	5,097,004		Gallagher et al.	3/92	
	127	5,097,005		Tietz	3/92	
	128	5,102,601		Farris et al.	4/92	
	129	5,104,367		Hill	4/92	
	130	5,104,923		Steinwand et al.	4/92	
	131	5,120,598		Robeson et al.	6/92	
	132	5,145,727		Potts et al.	9/92	
	133	5,149,335		Kellenberger et al.	9/92	
	134	5,149,576		Potts et al.	9/92	
	135	5,171,308		Gallagher et al.	12/92	
	136	5,171,309		Gallagher et al.	12/92	
	137	5,171,402		Haines et al.	12/92	
	138	5,173,526		Vijayendran et al.	12/92	
	139	5,178,646		Barber, Jr., et al.	1/93	
	140	5,178,812		Sanford et al.	1/93	
	141	5,181,966		Honeycutt et al.	1/93	
	142	5,181,967		Honeycutt	1/93	
	143	5,182,162		Andrusko	1/93	
	144	5,196,470		Anderson et al.	3/93	
	145	5,205,968		Damrow et al.	4/93	
	146	5,206,064		Scholz	4/93	
	147	5,207,662		James	5/93	
	148	5,207,837		Honeycutt	5/93	
	149	5,208,098		Stover	5/93	
	150	5,216,050		Sinclair	6/93	
	151	5,217,495		Kaplan et al.	6/93	
	152	5,217,798		Brady et al.	6/93	
	153	5,219,646		Gallagher et al.	6/93	
	154	5,227,101		Mahoney et al.	7/93	

Examiner Signature	<i>Guns Wadsworth</i>	Date Considered	3-23-03
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WU	155	5,246,647		Beck et al.	9/93	
	156	5,248,461		Pluyter et al.	9/93	
	157	5,256,417		Koltisko	10/93	
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	159	5,264,269		Kakiuchi et al.	11/93	
	160	5,264,491		Quirk	11/93	
	161	5,270,358		Asmus	12/93	
	162	5,281,306		Kakiuchi et al.	1/94	
	163	5,286,538		Pearlstein et al.	2/94	
	164	5,295,985		Romesser et al.	3/94	
	165	5,300,192		Hansen et al.	4/94	
	166	5,304,420		Hirakawa et al.	4/94	
	167	5,312,883		Komatsu et al.	5/94	
	168	5,317,063		Komatsu et al.	5/94	
	169	5,330,827		Hansen	7/94	
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	171	5,334,176		Buenger et al.	8/94	
	172	5,346,541		Goldman et al.	9/94	
	173	5,356,963		Kauffmann et al.	10/94	
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	175	5,366,804		Dugan	11/94	
	176	5,369,155		Asmus	11/94	
	177	5,384,189		Kuroda et al.	1/95	
	178	5,393,602		Urry	2/95	
	179	5,405,342		Roessler et al.	4/95	
	180	5,407,442		Karapasha	4/95	
	181	5,409,747		Pearlstein et al.	4/95	
	182	5,415,643		Kolb	5/95	
	183	5,415,813		Misselyn et al.	5/95	
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	185	5,442,016		Jarrett	8/95	
	186	5,458,591		Roessler et al.	10/95	
	187	5,466,410		Hills	11/95	
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	189	5,470,640		Modrak	11/95	
	190	5,470,941		Kim et al.	11/95	
	191	5,473,789		Oster	12/95	
	192	5,476,457		Roessler et al.	12/95	
	193	5,476,909		Kim	12/95	

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	195	5,500,068		Srinivasan et al.	3/96	
	196	5,500,281		Srinivasan et al.	3/96	
	197	5,514,380		Song	5/96	
	198	5,519,085		Ma	5/96	
	199	5,522,841		Roby	6/96	
	200	5,530,074		Jarrett	6/96	
	201	5,532,300		Koubek et al.	7/96	
	202	5,532,306		Kauffman et al.	7/96	
	203	5,534,178		Bailly et al.	7/96	
	204	5,542,566		Glaug et al.	8/96	
	205	5,545,472		Koubek et al.	8/96	
	206	5,569,230		Fisher et al.	10/96	
	207	5,576,364		Isaac et al.	11/96	
	208	5,578,344		Ahr et al.	11/96	
	209	5,589,545		Ramachandran	12/96	
	210	5,604,195		Misselyn et al.	2/97	
	211	5,612,404		Das et al.	3/97	
	212	5,613,959		Roessler et al.	3/97	
	213	5,616,201		Finch et al.	4/93	
	214	5,618,911		Kirmua	4/97	
	215	5,620,788		Garavaglia et al.	4/97	
	216	5,629,081		Richards et al.	5/97	
	217	5,631,317		Komatsu et al.	5/97	
	218	5,647,862		Osborn III et al.	7/97	
	219	5,647,863		Hammons et al.	7/97	
	220	5,649,336		Finch et al.	7/97	
	221	5,670,110		Dirk et al.	9/97	
	222	5,684,075		Patel et al.	11/97	
	223	5,693,698		Patel et al.	12/97	
	224	5,695,551		Buckingham et al.	12/97	
	225	5,698,322		Tsai et al.	12/97	
	226	5,714,157		Sandell et al.	2/98	
	227	5,725,789		Huber et al.	3/98	
	228	5,725,821		Gannon et al.	3/98	
	229	5,753,246		Peters	5/98	
	230	5,756,112		Mackey	5/98	
	231	5,763,044		Ahr et al.	6/98	
	232	5,763,332		Gordon et al.	6/98	

Examiner  
Signature*Amy Wadsworth*Date  
Considered*3-23-03*

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<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	09/900,698
		Filing Date	July 6, 2001
		First Named Inventor	Lang et al.
		Group Art Unit	1771
		Examiner Name	
Sheet 7	of 11	Attorney Docket Number	11302-1250

**U.S. PATENT DOCUMENTS**

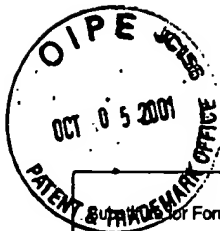
Examiner Initials	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
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Application Number	09/900,698
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Examiner Name	
Attorney Docket Number	11302-1250

**U.S. PATENT DOCUMENTS**

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		Number	Kind Code <sup>2</sup> (if known)			
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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
[initials]	294	EP	1 050 297	A2	Fort James Corporation	8/11/00		
	295	EP	0 619 074	A1	Kimberly-Clark Corporation	10/12/94		
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Application Number	09/900,698
Filing Date	July 6, 2001
First Named Inventor	Lang et al.
Group Art Unit	1771
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Application Number	09/900,698
Filing Date	July 6, 2001
First Named Inventor	Lang et al.
Group Art Unit	1771
Examiner Name	
Attorney Docket Number	11302-1250

Sheet 10 of 11

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Sheet 11	of 11	Attorney Docket Number	11302-1250

OTHER INFORMATION - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
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